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receive a computer language independent functional expression generated using the entry form for the property of the object;

parse the computer language independent functional expression;

generate a computer interpretable function from the expression; and

store the function as a run-time value for the property of the object.

18. The computer system of claim **17**, wherein the object has a byte code execution image, and wherein the programmable processor is further configured to invalidate the byte code execution image, and generate a new byte code execution image.

19. The computer system of claim **17**, wherein the programmable processor is further configured to determine whether a run-time display of the object is automatically updated, and if so, to generate and execute the byte code.

20. The computer system of claim **17**, wherein the programmable processor is further configured to clone and store the function as a design time value if the function is a constant.

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21. The computer system of claim **17**, wherein the programmable processor is further configured to display an error message if the expression is invalid.

22. The computer system of claim **17**, wherein the programmable processor configured to parse the computer language independent functional expression is configured to identify one or more of the following: a function; an operator; a database column name; a variable; and a constant.

23. The computer system of claim **17**, wherein the run-time value for the property of the object depends upon the identity of a viewer, and wherein the programmable processor is further configured to generate a computer interpretable function that returns a viewer dependent run-time property value.

24. The computer system of claim **17**, wherein the run-time value for the property of the object depends upon the location of a viewer, and wherein the programmable processor is further configured to generate a computer interpretable function that returns a location dependent run-time property value.

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